

**MATERIAL SAFETY DATA SHEET**

Printed: 10/15/09

**20/80 HIGH DIMETHYLTIN DICHLORIDE SOLUTION****PRODUCT IDENTIFICATION AND USE**

MANUFACTURER: ARKEMA CANADA INC.  
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PRODUCT IDENTIFIER: 20/80 HIGH DIMETHYLTIN DICHLORIDE SOLUTION

PRODUCT CODE: RD1521

PRODUCT USE: CHEMICAL INTERMEDIATE

WHMIS CLASSIFICATION: D1B - TOXIC MATERIAL CAUSING IMMEDIATE AND SERIOUS TOXIC EFFECTS.  
E - CORROSIVE MATERIAL.

**HAZARDOUS INGREDIENTS**

	%W/W	CAS #	TLV
STANNANE, DICHLORODIMETHYL-	30 - 60	753-73-1	ACGIH TWA = 0.1 MG/M3 AS SN (SKIN) ACGIH STEL = 0.2 MG/M3 AS SN
METHYLTIN TRICHLORIDE	7 - 13	993-16-8	ACGIH TWA = 0.1 MG/M3 AS SN (SKIN) ACGIH STEL = 0.2 MG/M3 AS SN

ADDITIONAL INGREDIENT INFORMATION (WHMIS NOT CONTROLLED):  
NA

**PHYSICAL DATA**

PHYSICAL STATE: LIQUID

ODOUR AND APPEARANCE: WHITE LIQUID WITH AN ACRID ODOUR.

ODOUR THRESHOLD: NE

SPECIFIC GRAVITY/DENSITY (G/ML): 1.4

VAPOUR PRESSURE: NE

VAPOUR DENSITY (AIR=1): NE

VOLATILITY/VOL(%): NE

SOLUBILITY IN H2O: SOLUBLE

EVAPORATION RATE: NE

BOILING POINT: NE

FREEZING POINT: NE

PH: NE

LOG KOW: NE

**SHIPPING INFORMATION**

UN 2922, 8(6.1), III, CORROSIVE LIQUID, TOXIC N.O.S. (DIMETHYLTIN DICHLORIDE, METHYLTIN TRICHLORIDE)

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FLAMMABILITY:	NOT FLAMMABLE.
CONDITIONS:	NE
MEANS OF EXTINCTION:	WATER SPRAY, CARBON DIOXIDE, FOAM, DRY CHEMICAL
FLASHPOINT:	NE
UPPER EXPLOSION LIMIT (% V):	NE
LOWER EXPLOSION LIMIT (%V):	NE
AUTO-IGNITION TEMPERATURE:	NE
HAZARDOUS COMBUSTION PRODUCTS:	HYDROGEN CHLORIDE
EXPLOSION DATA:	NE
SENSITIVITY TO IMPACT:	NO
SENSITIVITY TO STATIC DISCHARGE:	NO

**REACTIVITY**

CHEMICAL STABILITY:	STABLE
INCOMPATIBLE MATERIALS:	STRONG OXIDIZERS
CONDITIONS OF REACTIVITY:	NE
HAZARDOUS DECOMPOSITION PRODUCTS:	HYDROCHLORIC ACID

**HEALTH HAZARD INFORMATION**

ROUTE OF ENTRY	
SKIN CONTACT:	CORROSIVE
SKIN ABSORPTION:	HARMFUL IF ABSORBED
EYE:	CORROSIVE. MAY CAUSE BLINDNESS.
INGESTION:	HARMFUL IF SWALLOWED.
INHALATION:	MAY CAUSE SEVERE IRRITATION TO RESPIRATORY TRACT.
ACUTE OVER EXPOSURE EFFECTS:	LD50: 409 – 443 MG/KG (ORAL-RATS) LD50: 404 MG/KG (DERMAL – RABBITS) LC50: 84 MG/L (1-HR.- INHALATION-RATS)
CHRONIC OVER EXPOSURE EFFECTS:	NE
SENSITIZATION:	DOES NOT MEET WHMIS CRITERIA.
CARCINOGENICITY:	DOES NOT MEET WHMIS CRITERIA.
TERATOGENICITY:	DOES NOT MEET WHMIS CRITERIA.
MUTAGENICITY:	DOES NOT MEET WHMIS CRITERIA.
REPRODUCTIVE TOXICITY:	DOES NOT MEET WHMIS CRITERIA.

**PREVENTIVE MEASURES**

PERSONAL PROTECTIVE EQUIPMENT:	WEAR SAFETY GOGGLES AND USE IMPERVIOUS GLOVES. WHERE AIRBORNE EXPOSURE IS LIKELY, WEAR A NIOSH APPROVED RESPIRATOR.
SPECIFIC ENGINEERING CONTROLS:	LOCAL EXHAUST IS RECOMMENDED.
LEAK AND SPILL PROCEDURES:	SOAK UP WITH AN ABSORBENT MATERIAL AND PLACE IN A CLOSED CONTAINER.
WASTE DISPOSAL:	HAZARDOUS WASTE. DO NOT ALLOW PRODUCT TO ENTER THE ENVIRONMENT. CONSULT FEDERAL OR LOCAL AUTHORITIES FOR APPROVED DISPOSAL METHODS.
HANDLING PROCEDURES AND EQUIPMENT:	DO NOT EXPOSE TO AIR OR WATER. WASH BEFORE EATING, DRINKING, USING TOBACCO PRODUCTS OR REST ROOMS.
STORAGE REQUIREMENTS:	KEEP IN A CLOSED, LABELED CONTAINER IN A

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VENTILATED AREA.

**FIRST AID MEASURES**

EYE	FLUSH EYES WITH LARGE AMOUNT OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEEK MEDICAL ATTENTION.
SKIN	WASH SKIN WITH WATER AND SOAP. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS OR PERSISTS.
INGESTION	DO NOT GIVE LIQUIDS IF PERSON IS UNCONSCIOUS OR VERY DROWSY. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.
INHALATION	REMOVE PERSON TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION AND ADMINISTER OXYGEN IF NECESSARY. SEEK MEDICAL ATTENTION.

**PREPARATION DATE**

PREPARED BY:	TECHNICAL DEPARTMENT.
PHONE NUMBER OF PREPARER:	905-827-9841
DATE PREPARED (MM/DD/YY):	10/15/09
DATE REVISED (MM/DD/YY):	10/15/09

MINIMUM CONTACT WITH THIS AND ALL CHEMICALS IS RECOMMENDED AS A GOOD GENERAL POLICY TO FOLLOW.

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